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US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and ((str. US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (bon US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (precUS-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (bon US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (bon US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM, TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB JS-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoela US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB (model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and (((stUS-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB (model with bone with (viscoelastic or osteon)) or (bone with (osteon)) or (bone with (viscoel US-PGPUB; USPAT; EPO; JPO; DERWENT; bone with (osteon or viscoelastic)) and (viscoelastic or mechanical) and ((model with (viscoela US-PGPUB; USPAT; EPO; JPO; DERWENT; 11/22/05 **Databases** model with bone) and (tension or compression or shear or bending or torsion or prestress or tension or compression or shear or bending or torsion or prestress or pinching or (cement model with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical)) and nodel with bone with (structur\$2 or mechanic\$2 or macrostructur\$2 or hierarchical) EAST SEARCH model with bone) and (bone with (external near2 force\$1)) model with bone with (viscoelastic or osteon) vinching or (cement near2 slippage)) 20020082779 or "20020155162 oone with (viscoelastic) oone with (osteon) Search String near2 slippage)) 1025 283 78 10 14 69 69

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| Results of search set S23 Document Kind Codes Title | | issue Date Current OR |
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| US 20040214129 A1 | Method and apparatus for orthodontic appliance optimization | 20041028 433/24 |

20030814 623/23.59 20030612 623/23.59 20040304 424/93.21 20031225 424/93.2 20030529 424/144.1 20040122 600/410 20040909 434/274 20040909 424/93.7 20040729 424/486 20040701 434/262 20040422 435/455 20040415 345/419 20040408 600/443 20040401 424/423 20040304 434/262 20040212 600/426 20040129 600/407 20031218 424/443 20031120 606/214 20031016 264/109 20030814 424/426 20030807 715/513 20031204 600/437 20040902 607/96 20040812 514/89 20040722 800/18 20031120 606/28 20040819 433/24 20040805 514/12 20040708 424/57 20040212 378/92 20040311 514/27 20031120 703/11 20040701 601/5 20040318 435/6 20031218 435/6 20030918 435/4 20040930 463/8 20040422 705/1 20040401 20030724 20030515 20030501 Method for performing game, information storage medium, game device, data signal and progi Process for producing an artificial bone model and an artificial bone model produced by the pro echniques for deriving tissue structure from multiple projection dual-energy x-ray absorptiome Computer-implemented method for constructing and manipulating a three-dimensional model or System and method for force, displacement, and rate control of shaped memory material impli Artificial bone graft substitute using calcium phosphate compounds and method of manufacturi Osteoinduction of cortical bone allografts by coating with biopolymers seeded with recipient per Biomimetic organic/Inorganic composites, processes for their production, and methods of use Biomimetic organic/inorganic composites, processes for their production, and methods of use Genes associated with mechanical stress, expression products therefrom, and uses thereof Method and apparatus for multiple-projection, dual-energy x-ray absorptiometry scanning Computer program connecting the structure of a xml document to its underlying meaning Method of enhancing healing of interfacial gap between bone and tendon or ligament Compositions and methods relating to detrusor estrogen-regulated protein (DERP) Use of finite element analysis for orthodontic mechanics and appliance selection System and method providing directional ultrasound therapy to skeletal joints Drynaria extractions for treating osteoporosis and their extraction process Medical physiological simulator including a conductive elastomer layer norganic resorbable bone substitute material and production method Evaluating disease progression using magnetic resonance imaging Continuous passive motion exercise system with driven monitoring Dental and orthopedic densitometry modeling system and method CD40 ligand and CD40 agonist compositions and methods of use information distribution system and information distibution method Multidirectional morphology and mechanics of osteonic lamellae Method, arrangement and program for a prosthetic installation Computer-based training methods for surgical procedures Implantable thermal treatment method and apparatus Use of crystal violet as photochemotherapeutic agent Compositions for promoting healing of bone fracture Method and system for modelling bone structure Delivery of bioactive compounds to an organism Vascularized organized tissues and uses thereof Three-dimensional surgery simulation system Methods of treating and preventing bone loss Use of bisphosphonates for pain treatment Composite biodegradable polymer scaffold Computer-aided orthopedic surgery Hematopoietic stem cell niche cells Drug for use in bone grafting Pharmaceutical composition Multiple bone tracking Medical implant JS 20040192424 A1 US 20040175368 A1 JS 20040175686 A1 US 20040172107 A1 US 20040161722 A1 US 20040157798 A1 US 20040143863 A1 US 20040126746 A1 JS 20040078212 A1 JS 20040077088 A1 US 20040070583 A1 JS 20040062786 A1 US 20040030245 A1 US 20030193106 A1 US 20040152627 A1 JS 20040146561 A1 US 20040131562 A1 US 20040127821 A1 JS 20040068187 A1 JS 20040063670 A1 JS 20040053301 A1 JS 20040048811 A1 JS 20040043368 A1 US:20040043010 A1 US 20040028181 A1 US 20040019263 A1 US 20040015072 A1 US 20030232374 A1 US 20030232071 A1 US 20030225331 A1 US 20030216899 A1 US 20030216777 A1 US 20030175680 A1 US 20030153985 A1 US 20030152606 A1 US 20030138076 A1 US 20030099644 A1 US 20030090523 A1 US 20030082808 A1 US 20030235561 A1 US 20030216721 A1 US 20030149934 A1 US 20030109934 A1

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| US 20030059736 A1 | Use of finite element analysis for orthodontic mechanics and appliance selection | 20030327 433/24 |
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| 83 | Computer based instrumentation and sensing for physical examination training | 20030610 434/273 |
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| 6436146 | Implant for treating ailments of a joint or a bone | 20020820 623/21.11 |
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| Dental and orthopedic densitometry modeling system and method Polymer scaffold having microporous polymer struts defining interconnected macropores Clinical use of oxytocin alone or in combination to treat bone disorders Apparatus and method for generating skeleton-based dynamic picture images as well as medi Method and apparatus for site treatment of an orthodontic patient Virtual reality, tissue-specific body model having user-variable tissue-specific attributes and a significant component dealing and tissue repair Dental implant component | Implant abutment systems, devices, and techniques Devices for tissue repair and methods for preparation and use thereof Creating and modifying parameterizations of surfaces Self-repairing, reinforced matrix materials Parameterized surface fitting technique having independent control of fitting and parameterizati Dental implant component Non-invasive method of physiologic vibration quantification Electromagnetic bone-assessment and treatment: apparatus and method | Methods of enhancing repair, healing and augmentation of tissues and organs Implant abutment systems, devices and techniques Apparatus and method for bone surface-based registration of physical space with tomographic Partial scaphoid implant and method of treating ailments of the scaphoid Devices for tissue repair and methods for preparation and use thereof Implantable apparatus, matrix and method for correction of craniofacial bone deformities Self-repairing, reinforced matrix materials Method of making a porous prothesis with biodegradable coatings Tissue re-surfacing with hydrogel-cell compositions | Formation of human bone in vivo using ceramic powder and human marrow stromal fibroblasts. System and method for surface rendering of internal structures within the interior of a solid objet. Non-invasive technique for bone mass measurement limplant abutment systems, devices, and techniques. Computer-assisted surgical method. Delivery of bioactive compounds to an organism. Phosphopeptides and methods of treating bone diseases. Pluripotent mesenchymal stem cells and methods of use thereof. | Electromagnetic bone-assessment apparatus and method Method of casting hollow bone prosthesis with tailored flexibility Ultrasonic bone-therapy apparatus and method Hollow bone prosthesis with tailored flexibility Methods for manufacturing a dental implant drill guide and a dental implant superstructure Anthropomorphic mammography and lung phantoms Process for the production of shaped articles having a predetermined pore structure Methods of enhancing repair, healing and augmentation of bone implants |
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| Computer-assisted surgical system Ultrasonic elasticity imaging method and device Self-repairing, reinforced matrix materials Simulation of bone in ultrasonic assessment apparatus Osteogenesis promoter and osteoporosis remedy Method for facilitating dental diagnosis and treatment Self-repairing, reinforced matrix materials Osteogenesis promoter and osteoporosis remedy Method for facilitating dental diagnosis and treatment Self-repairing, reinforced matrix materials Method of reparatus for elasticity imaging Ultrasonic bone-therapy apparatus and method Implant abutment systems, devices, and techniques Method and apparatus for elasticity imaging Computerized clothing designer Controlled release systems and low dose androgens Orthopedic implant and method Device for obtaining three dimensional contour data and for operating on a patient and related Device for obtaining three dimensional contour data and for operating on a patient and related Device for obtaining three dimensional contour data and for operating on a patient and endo-prosthesis contings Biocompression external fixator for osteosynthesis Auticial dental for hydroxyapatite coatings of substrates Method for improved prediction of bone fracture risk using bone mineral density in structural an hydroxyapatite prosthesis coatings Dental implant and method for its manufacture Ultrasound method and apparatus for evaluating, in vivo, bone conditions Osteoclast for whole bone redoprosthesis model and endoprosthesis of proximal femur prepar MANIKIN CONSTRUCTION MANIKIN CONSTRUCTION MANIKIN CONSTRUCTION ULTRASONIC THERAPEUTIC SYSTEM MODELING METHOD OF CRANIUM MEGRAL STRUCTURE USING CRANIUM MEASUR MODELING METHOD OF CRANIUM COMPLETE | |
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| WO 2003061501 A Method for intra-operatively presenting approximate model of anatomical structure for compute | Casting model, for a joint prosthesis implant, uses a lost mold method to give the casting a ma | Bone macrostructural properties model comprises hierarchical structural and mechanical properties | Augmenting atrophied jawbone alveolar ridge by making incision in gingiva, inserting bone grafi | Reconstructing damaged facial skeletal feature - using shaped surging mesh implant formed u |
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| WO 2003061501 A | DE 10120330 A | US 20020082779 A | EP 1106145 A | US 4976737 A |

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| Northerner C | 11/22/05 Databases US-PGPUB | US-PGPUB | 11/22/05 | Issue Date Current OR 20051013 514/13 20050818 600/437 20050818 600/117 20050804 204/192.11 20050707 606/102 20050707 606/102 20050616 703/11 20050616 514/406 20050616 514/406 20050616 514/406 20050612 802/128 20050421 382/128 20050421 382/128 20050421 382/128 20050421 382/128 20050421 382/128 20050431 536/23.5 20050331 424/155.1 20050224 700/98 |
| Maria-Grazia Ascenzi | Search String Indel\$3 with bone | 1 and ("non-homogeneous".CLM.) Maria-Grazia Ascenzi | EAST SEARCH | ulation of bone growth with thrombin peptide derivatives strength measuring instrument and method eterscope 3D guidance and interface system thromatories. The process for improving the mechanical, catalytic, chemical, and biological activity of was minerals, methods for their production using a solution-precursor-solid mechanism, ar agement and method for the intra-operative determination of the position of a joint replace of for bone structure prognosis and simulated bone remodeling throat of the thritis with hypoxia inducible factor-Talpha antagonists of for bone structure production of a custom-fit prosthesis of and system for modelling bone structure inducible factor-Talpha antagonists of and system for modelling bone structure of bone resorption of a classing system for segmentation of section image data on to determining the position of a knee prosthesis using magnetic resonance imaging unaging disease progression using magnetic resonance imaging implant template es for chondrogenesis ronic system for determining the density and structure of bone tissue and stimulating oste variants that modulate bone mass and lipid levels cament for treating tumours and their metastases od for design and production of custom-fit prosthesis |
| 09/981684 | L# Hits | L3 0 | | Results of search set S33: Document Kind Codes Title US 20050227923 A1 Stimu US 2005018225 A1 Bone US 2005018225 A1 Bone US 20050167261 A1 Treat US 20050149050 A1 Fibro US 2005014806 A1 Arran US 20050148496 A1 Treat US 20050131662 A1 Metha US 20050131662 A1 Metha US 2005013197 A1 Metha US 20050117788 A1 Metha US 20050117788 A1 Metha US 20050084145 A1 Evalu US 20050084145 A1 Evalu US 20050084144 A1 Oral i US 20050075495 A1 Flect US 2005007699 A1 Hbm US 200500699 A1 Hbm |

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| Tissue repair and replacement Manufacturing a dental implant drill guide and a dental implant superstructure Method and device for stimulating the brain Image-guided navigated precision reamers Custom orthodonite appliance forming method and apparatus Programmable joint simulator with force and motion feedback Transgenic animal model of bone mass modulation System and method for rapidly customizing design, manufacture and/or selection of biomedics Method of evaluating products using a virtual environment Method of evaluating products using a virtual environment Method of evaluating product used on a body in a virtual environment Method of evaluating product using a virtual environment Method of evaluating the performance of a product using a virtual environment Method of esigning a product in a virtual environment Transgenic animal model of bone mass modulation Method of performing game, information storage medium, game device, data signal and prog Process for producing an artificial bone model and an artificial bone model produced by the process for producing an artificial bone model and an artificial bone model produced by the process for producing an artificial bone model and an artificial bone model produced by the process for producing an artificial bone model and an artificial bone model and an artificial bone model produced by the process for producing an artificial bone fracture System and method for force, displacement, and rate control of shaped memory material implibutions for promoting healing of bone fracture Hematopoietic stem cell niche cells Biomimetic organiz/norganic composites, processes for their production, and methods of use Compositions for promoting healing of bone fracture Hematopoietic stem cell niche cells Biomimetic organiz/norganic composites, processes for their production, and methods of use Compositions for promoting as a producing a conductive elastomer layer Medical physiological simulator including a conductive elastomer layer Medical physiological simulator including a conduc | Drynaria extractions for treating osteoporosis and their extraction process Three-dimensional surgery simulation system Delivery of bioactive compounds to an organism Computer-based training methods for surgical procedures Method and apparatus for multiple-projection, dual-energy x-ray absorptiometry scanning Multiple bone tracking Evaluating disease progression using magnetic resonance imaging |
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| | Multidirectional morphology and mechanics of osteonic lamellae | 20031120 703/11 |
| | Method of enhancing healing of interfacial gap between bone and tendon or ligament | 20031120 606/214 |
| US 20030216/21 At | System and method providing directional ultrasound therapy to skeletal joints. Artificial hope graft substitute using calcium phosphate compounds and method of manufactur | 20031120 606/28 |
| 20030175680 | Methods of treating and preventing bone loss | 20030918 435/4 |
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| 6576645 | Triphenylalkene derivatives and their use as selective estrogen receptor modulators | 20030610 514/317 |
| 6575757 | Computer based instrumentation and sensing for physical examination training | 20030610 434/273 |
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| 6559848 | Coding and decoding three-dimensional data | 20030506 345/473 |
| 6554613 | Method and apparatus for generating an orthodontic template that assists in placement of orth | 20030429 433/24 |
| 6551355 | Tissue transplant coated with biocompatible biodegradable polymer | 20030422 623/16.11 |
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